

Nexus 9300 400 GE Switches

製品名	N9K-C9316D-GX	N9K-C93600CD-GX	N9K-C9332D-GX2B	N9K-C9348D-GX2A	N9K-C9364D-GX2A
製品名	LCS9316D**	LCS9300C**	LCS932F**	なし	なし
Usage / Operating System	ACI Spine & Leaf / NXOS	ACI Spine* & Leaf / NXOS	ACI Spine & Leaf / NXOS	ACI Spine & Leaf / NXOS	ACI Spine & Leaf / NXOS
Form factor	1 RU	1 RU	1 RU	2 RU	2 RU
Throughput (Tbps)	6.4 Tbps	6.0 Tbps	12.8 Tbps	19.2 Tbps	25.6 Tbps
10 GE ports with Breakout	64	48	128	192	256
25 GE ports with Breakout	64	48	128	192	256
50 GE (SFP56 PAM4) ports with Breakout	128	120	128	192	256
10 GE ports (SFP)	NA	NA	2	2	2
40 GE ports	16	36	32	48	64
100 GE ports with Breakout	64	28 + 32	128	192	256
200 GE (QSFP56) ports with Breakout	32	16	64	96	128
400 GE ports (QSFP-DD)	16	8	32	48	64
Latency (microseconds)	~1.6	~1.7	~1.4	~1.4	~1.4
Buffer (MB)	80 MB	80 MB	120 MB	120 MB	120 MB
Power supply (watts) 2 per	1100 W	1100 W	1500W	3000W	3000W
Fan Airflow	port-side-intake / port-side-exhaust	port-side-intake / port-side-exhaust	port-side-intake / port-side-exhaust	port-side-intake	port-side-intake
Typical power (watts)	420 W	590 W	TBD	TBD	TBD
MACSEC / CloudSec Capable	NA	NA	8	48	16
Telemetry	FT, FTE, SSX, INT-XD	FT, FTE, SSX, INT-XD	FT, FTE, SSX, INT-XD	FT, FTE, SSX, INT-XD	FT, FTE, SSX, INT-XD
Minimum software version	ACI-N9KDK9-14.2 / NXOS-9.3.3	ACI-N9KDK9-14.2 / NXOS-9.3.3	ACI-N9KDK9-15.2 / NXOS-64-10.2.10F	TBD	TBD
ACI Leaf Support	ACI 15.1.3	ACI-N9KDK9-14.2	ACI-N9KDK9-15.2	TBD	TBD
ACI Spine Support	ACI-N9KDK9-14.2	Roadmap	ACI-N9KDK9-15.2	TBD	TBD
Orderable	Yes	Yes	Yes	O2-2022	O2-2022
SKU	N9K-C9316D-GX	N9K-C93600CD-GX	N9K-C9332D-GX2B	N9K-C9348D-GX2A	N9K-C9364D-GX2A

Nexus 9300 1/10GBaseT Switches

製品名	Nexus 93108TC-EX	Nexus 9348GC-FXP	Nexus 93108TC-FX	Nexus 93216TC-FX2
製品名	LCS9308T*	LCS9348**	LCS9308T**	LCS9316T**
Usage	ACI leaf, top of rack, powered by Cloud Scale	ACI leaf, top of rack, powered by Cloud Scale	ACI leaf, top of rack, powered by Cloud Scale	ACI leaf, top of rack, powered by Cloud Scale
Form factor	1 RU	1RU	1RU	2 RU
Throughput (Tbps)	2.16	0.696	2.16	7.2
100 M/1 GE/10 GE copper ports	48	48 (100 M/1 GE only)	48	96
10/25 GE ports	4			None
40 GE ports	6	2	6	12
100 GE ports	6	2	6	12
Latency (microseconds)	~2.5	~2.5	~2.5	~1
Buffer (MB)	40	40	40	40
Power supply (watts): 2 per switch	650	350	500	1200
Typical power (watts)	290	178	276	210
Minimum software version	NXOS-70314.3/ACI-N9KDK9-12.0	NXOS-70317.1/ACI-N9KDK9-13.0	NXOS-70317.1/ACI-N9KDK9-12.2A	NXOS-9.3.1/ACI-14.1.2/4.1.2
Orderable	Yes	Yes	Yes	Yes
SKU	N9K-C93108TC-EX	N9K-C9348GC-FXP	N9K-C93108TC-FX	N9K-C93216TC-FX2
Operating System	NX-OS, ACI	NX-OS, ACI	NX-OS, ACI	NX-OS, ACI

Nexus 9300 1/10/25GE Fiber Switches

製品名	Nexus 93180YC-EX	Nexus 93180YC-FX	Nexus 93180YC-FX3	Nexus 93240YC-FX2	Nexus 93360YC-FX2
製品名	LCS9318YC*	LCS9318YC*	LCS9318A**	LCS9324Y**	LCS9336Y**
Usage	ACI leaf, top of rack, FEX aggregation, powered by Cloud Scale	ACI leaf, top of rack, FEX aggregation, powered by Cloud Scale	ACI leaf, top of rack, FEX aggregation, powered by Cloud Scale	ACI leaf, top of rack, FEX aggregation, powered by Cloud Scale	ACI leaf, top of rack, FEX aggregation, powered by Cloud Scale
Form factor	1 RU	1 RU	1 RU	1.2	2 RU
Throughput (Tbps)	3.6	3.6	3.6	4.8	7.2
1/10 GE fiber ports	48	48	48	48	96
25 GE ports	48	48	48	48	96
40 GE ports	6	6	6	12	12
100 GE ports	6	6	6	12	12
Latency (microseconds)	~1	~1	~1	~1	~1
Buffer (MB)	40	40	40	40	40
Power supply (watts): 2 per switch	650	500	650	1100	1200
Typical power (watts)	210	260	375W	298W	210
SyncE and Hybrid PTP	n/a	n/a	Yes (ITU-T G8275.1/G8275.2*)	n/a	n/a
Minimum software version	NXOS-70314.2/ACI-N9KDK9-11.3	NXOS-70317.1/ACI-N9KDK9-12.2A	NXOS-10.1.1/ ACI-15.1.3/5.1.3	NXOS-70317.3/ACI-N9KDK9-14.0	NXOS-9.3.1/ACI-14.1.2/4.1.2
Orderable	Yes	Yes	Yes	Yes	Yes
SKU	N9K-C93180YC-EX	N9K-C93180YC-FX	N9K-C93180YC-FX3	N9K-C93240YC-FX2	N9K-C93360YC-FX2
Operating System	NX-OS, ACI	NX-OS, ACI	NX-OS, ACI	NX-OS, ACI	NX-OS, ACI

Nexus 9300 40/100 GE Switches

製品名	Nexus 9364C	Nexus 9336C-FX2	Nexus 9336C-FX2-E	Nexus 9332C	Nexus 9364C-GX
製品名	LCS9364**	LCS936C**	LCS9336B**	LCS9332**	LCS9364C**
Usage	ACI spine & NXOS(Leaf/spine), powered by Cloud Scale	ACI leaf & NXOS(Leaf/spine), powered by Cloud Scale	ACI leaf & NXOS(Leaf/spine), powered by Cloud Scale	ACI spine & NXOS(Leaf/spine), powered by Cloud Scale	ACI (leaf/spine) & NXOS(Leaf/spine), powered by Cloud Scale
Form factor	2 RU	1 RU	1 RU	1 RU	2 RU
100 M/1 GE/10 GE copper ports	NA	NA	NA	NA	NA
1/10 GE fiber ports	2	NA	NA	2	0
40 GE ports	64	36	36	32	64
50 GE ports	NA	72	72	NA	128
100 GE ports	64	36	36	32	64
Latency (microseconds)	~1.3	~1	~1	~1.3	~1.6
MACsec & Cloudsec	Yes on last 16 ports	Yes, all ports	Yes, all ports	Yes, on last 8 ports	NA
Fiber Channel (FC)	No	No	Yes	No	No
Buffer (MB)	40	40	40	40	80
Power supply (watts): 2 per switch	1200	1100	1100	1100	2000
Typical power (watts)	429	337	337	296	811
Minimum software version	NXOS-70317.2/ACI-N9KDK9-13	ACI-N9KDK9-13.1.2/ NXOS-70317.3	NXOS-10.1.1 / ACI-TBD	ACI-N9KDK9-14.0/NX-OS Release 9.2(3)	NXOS-9.3.3/ACI-N9KDK9-14.2
ACI Leaf Support	N/A	ACI-N9KDK9-13.1.2	TBD	N/A	ACI-N9KDK9-14.2
ACI Spine Support	ACI-N9KDK9-13	N/A	N/A	ACI-N9KDK9-14.0	ACI 15.1.3
Orderable	Yes	Yes	Yes	Yes	Yes
SKU	N9K-C9364C	N9K-C9336C-FX2	N9K-C9336C-FX2-E	N9K-C9332C	N9K-C9364C-GX
Operating System	NX-OS, ACI	NX-OS, ACI	NX-OS, ACI	NX-OS, ACI	NX-OS, ACI